Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 19 Feb 2023 until 23:59 on Monday 20 Feb 2023

Forecast Issued on Sunday 19 Feb 2023 at 02:39

Confidence: High for mainly cloudy, mild and often windy conditions during the next few days. High for a change to colder conditions during the middle of next week but some uncertainty in the timings of this change.

Headline for Sunday 19 Feb 2023: Bright start then a mainly cloudy day with some fog on the tops. Winds strengthening.

Mountain weather hazards on Sunday 19 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Mist	Fog	Fog	Fog	Light rain
Precipitation probability					
10%	20%	20%	20%	10%	60%

Forecast for Sunday 19 Feb 2023

Weather: Patchy rain clearing overnight then clear spells. A chilly and bright start but quickly becoming cloudy with patchy light rain in the morning. A mainly dry and cloudy afternoon but a little brightness at times in the east. Occasional light rain or drizzle arriving during the evening. Becoming windy with gales on the tops later.

Chance of cloud-free hill tops above 800m: 70% early morning, soon becoming 10% in west, 40% in east.

Low cloud and visibility: Mostly good at first but areas of low cloud and fog developing, mainly above 500 or 600m in the west with patchier cover above 800m in the east. Below the cloud, good visibility but briefly down to less than 10km at times in any rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Sunday 19 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	23/26 NW	21/25 SW	29/36 SW	36/45 SW	38/47 SW	41/51 SW	44/56 SW
600	17/22 NW	14/18 SW	24/31 SW	31/42 SW	29/39 SW	30/41 SW	32/44 SW
300	3/19 NW	4/16 SW	10/26 SW	13/34 SW	10/31 SW	11/33 SW	13/37 SW
Valley	4/19 NW	1/11 SW	10/23 SW	14/30 SW	9/26 SW	11/29 SW	14/35 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-0/-7	0/-6	3/-4	2/-5	2/-5	4/-4	4/-3
600	2/-4	2/-3	4/-1	4/-2	4/-2	5/-1	6/-0
300	4/3	4/3	6/3	6/2	6/3	7/3	7/4
Valley	6/5	6/5	8/5	8/5	8/6	8/6	9/6
Freezing Level*	800m	1300m	1300m	1300m	1600m	1700m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds steadily increasing during the day with gales on the tops from late afternoon onwards making progress difficult and slow at times.

Forecast for Monday 20 Feb 2023

Weather: Cloudy and misty with occasional rain or drizzle, mainly affecting the western Lake District. A little brightness possible in the east in the afternoon.

Maximum wind: West or Southwest average 30 to 35mph with gusts 50 to 60mph at first, but slowly easing to 20-25mph gusts 35mph.

Chance of cloud-free hill tops above 800m: 10%.

Low cloud and visibility: Extensive cloud and fog above 300 or 400m but occasionally higher across eastern hills. Generally hazy below the cloud, occasionally less than 5km in rain or drizzle.

Temperature: **Valleys:** 8C rising to 11C.
At 800m: Plus 5 or 6C.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 18 February. Location: Helvellyn summit at 14:00. Full report: It is now 34 days since there was any significant snow fall on the summit of Helvellyn. In general the Lake District fells are clear of snow at all altitudes with just a few drifts and old cornices hanging in there above 900m on steep north through east aspects. Due to their location walkers are very unlikely to come across them apart from on the exit to Swirral Edge where there is a small patch which is easily bypassed on rock. Despite the lack of winter, summit temperatures were only just above freezing and this combined with poor visibility, wind and rain can give very challenging conditions. Walkers should be well prepared with plenty of warm and waterproof layers, hats & gloves, a headtorch and a reliable and appropriate method of navigation eg a GPS or phone app backed up by a map & compass. For many folk today the addition of waterproof trousers (or indeed any trousers!) to their kit would have vastly improved their enjoyment and safety. Temperature: plus 3.4C, Maximum wind speed 41.4mph, Wind chill: minus 5.5C, Average wind speed: 34.2mph.

Issued at: 02:39 on Sun 19 Feb 2023

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast

© Crown Copyright 2023. All Rights Reserved.